

# Ananth A Joshi

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## Education

### Currently Pursuing B.E.

Bachelor of Engineering in Computer Science and Design from Canara Engineering College

## Skills

**Front-End:** ReactJS, TailwindCSS

**Back-End:** NextJS, ExpressJS, NodeJS

**Databases:** MongoDB, MySQL

**Programming Languages:** JavaScript, Python, Java, TypeScript

**Tools:** Git/GitHub, Postman

**Cloud Services:** Firebase, Appwrite

## Projects

### TeXpert- AI document maker

**Tech Stack:** NextJS, TailwindCSS, TypeScript, Firebase

- Built a tool that generates PDF documents from Text prompt with the help of LaTeX Using the Gemini API.
- Developed a user-friendly interface using Next.js and TailwindCSS to enhance user experience.
- Constructed the backend with Firebase for image and font storage and integration with document.
- Built routes to compile LaTeX code in the backend and respond with the document.

### PetPals: Animal Rescue and Shelter Management System

**Tech Stack:** Next.js, MySQL, TypeScript, TailwindCSS

- Lead a team to develop a CRUD application that serves as a platform to view pet adoption details and volunteer information for animal rescues.
- Implemented Role-Based Access Control (RBAC) using JSON web tokens(JWT) to differentiate user roles, allowing normal users to view data while granting authenticated users (Center admins) editing capabilities, ensuring robust access control and data integrity.

## Certificates

### Back End Development and APIs (freeCodeCamp)

Acquired skills in building robust server-side applications using Node.js and Express. Developed RESTful APIs, implemented user authentication, and managed databases with MongoDB. Completed multiple projects, showcasing the ability to create functional and scalable backend solutions.

### Foundations of Cybersecurity (Coursera)

Recognized core skills and knowledge needed to become a cybersecurity analyst, identified the impact of security attacks on business operations, explained security ethics, and familiarized with common tools used by cybersecurity analysts.